

Form PTO-1449 (modified)

Atty. Docket No.

213-0012US

Serial No.

09/121,798

List of Patents and Publications for Applicant's

Inventor/Applicant

Robert Bridenbaugh

INFORMATION DISCLOSURE STATEMENT

Title: Methods For Purifying Nucleic Acids

Filing Date:

July 23, 1998

Group:

1636

(Use several sheets if necessary)

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

Beginning at Page 2

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
M	A1	3,928,642	12/23/1975	Hubert, et al.	426	521	01/22/1975
M	A2	5,008,189	04/16/1991	Oroskar, et al.	435	105	06/20/1989
M	A3	5,792,651	08/11/1998	Colpan, et al.	435	270	10/11/1996
M	A4	5,981,735	11/09/1999	Thatcher, et al.	536	25.4	02/12/1997
M	A5	5,990,301	11/23/1999	Colpan, et al.	536	25.4	10/18/1996
M	A6	6,197,553	03/06/2001	Lee, et al.	435	91.1	11/07/1997
M	A7	6,750,333	06/15/2004	Kuhne	536	23.1	08/04/1998

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
M	B1	WO 89/01035	02/09/1989	WIPO	C12N	15/00	Abstract only
M	B2	WO 96/21729	07/18/1996	WIPO	C12N	15/10	Yes
M	B3	WO 98/01540	01/15/1998	WIPO	C12N	9/10	Abstract only
M	B4	WO 98/11208	03/19/1998	WIPO	C12N	15/10	Yes
M	B5	WO 98/30685	07/16/1998	WIPO	C12N	15/10	Yes
M	B6	WO 99/63076	12/09/1999	WIPO	C12N	15/10	Yes
M	B7	EP 0 240 191	10/07/1987	EPO	C12N	15/00	Yes
M	B8	EP 0 376 080	07/04/1990	EPO	C12N	15/10	Yes
M	B9	EP 0 814 156	03/05/2003	EPO	C12N	15/10	Yes

EXAMINER:

M. T. V.

DATE CONSIDERED:

7/18/03

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)

Atty. Docket No.

Serial No.

213-0012US

09/121,798

List of Patents and Publications for Applicant's

Inventor/Applicant

Robert Bridenbaugh

INFORMATION DISCLOSURE STATEMENT

Title: Methods For Purifying Nucleic Acids

Filing Date:

July 23, 1998

Group:

1636

(Use several sheets if necessary)

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

Beginning at Page 2

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>W</i>	C1	Birnboim et al.; "A Rapid Alkaline Extraction Procedure for Screening recombinant plasmid DNA;" <i>Nucleic Acids Research</i> ; 7 (6) (1979) 1513-1523
<i>W</i>	C2	Blatt, et al.; "Solute Polarization and Cake Formation in Membrane Ultrafiltration: Causes, Consequences, and Control Techniques;" <i>Membrane Science and Technology... proceeding of a symposium... Columbus, Ohio</i> (1969) 47-97
<i>W</i>	C3	Carlson, et al.; "Mechanical Disruption of <i>Escherichia coli</i> for Plasmid Recovery;" <i>Biotechnology and Bioengineering</i> , Vol. 48, pp. 303-315 (1995)
<i>W</i>	C4	Durland, et al.; "Manufacturing and Quality Control of Plasmid-Based Gene Expression Systems;" <i>Advanced Drug Delivery Reviews</i> 30 (1998) 33-48
<i>W</i>	C5	Fernandez, et al.; "Cross Flow Filtration of RNA Extracts by Hollow Fiber Membrane;" <i>Acta Biotechnol.</i> 12 (1992); pp. 49-56
<i>W</i>	C6	Gabler; "Principles of Tangential Flow Filtration: Applications to Biological Processing;" <i>Filtration in the Pharmaceutical Industry</i> ; ISBN 08247751981 pp.453-489
<i>W</i>	C7	Gutman; "The Technology of Pressure-Driven Crossflow Processes;" Adam Hilger, (1987)48-49, 192; ISBN 0-85274-52-2
<i>W</i>	C8	Hancher, et al.; "Evaluation of Ultrafiltration Membranes with Biological Macromolecules;" <i>Biotechnol. Bioeng.</i> 1973, 15(4), 677-91.
<i>W</i>	C9	Heinzel, et al.; "Autonomous DNA Replication in Human Cells Is Affected By The Size and the Source of the DNA;" <i>Molecular and Cellular Biology</i> ; Vol. 11; No. 4; Apr. 1991; pp. 2263-2272
<i>W</i>	C10	Hirt; "Selective Extraction of Polyoma DNA From Infected Mouse Cell Cultures;" <i>J. Mol. Biol.</i> (1967) 26, 365-369
<i>W</i>	C11	Hjerten; "Hydrophobic Interaction Chromatography of Proteins, Nucleic Acids, Viruses, and Cells on Noncharged Amphiphilic Cells;" <i>Methods of Biochemical Analysis</i> ; Vol. 27 (1981) 89-108
<i>W</i>	C12	Ish-Horowicz, et al.; "Rapid and Efficient Cosmid Cloning;" <i>Nucleic Acids Research</i> ; Vol. 9 (13) (1981) 2989-2998
<i>W</i>	C13	John T. Lis, et al.; "Size Fractionation of Double-Stranded DNA by Precipitation With Polyethylene Glycol;" <i>Nucleic Acids Research</i> ; Vol. 2; No. 3; March 1975

EXAMINER:

A. T. Vogel

DATE CONSIDERED:

7/18/05

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)

Atty. Docket No.

213-0012US

Serial No.

09/121,798

List of Patents and Publications for Applicant's

Inventor/Applicant

Robert Bridenbaugh

INFORMATION DISCLOSURE STATEMENT

Title: Methods For Purifying Nucleic Acids

Filing Date:

July 23, 1998

Group:

1636

(Use several sheets if necessary)

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

Beginning at Page 2

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>W</i>	C14	Koller, et al.; "Laboratory-Scale Production and Purification of Recombinant HIV-1 Reverse Transcriptase;" Journal of Chromatography B, 664 (1995) 107-118
<i>W</i>	C15	Marquet, et al.; "Process Development for the Manufacture of Plasmid DNA Vectors for Use in Gene Therapy;" BioPharm; (1995) 26-37
<i>W</i>	C16	McLaughlin, et al.; "Resolution of RNA Using High-Performance Liquid Chromatography" Journal of Chromatography, 418 (1987) 51-72
<i>W</i>	C17	Merion, et al.; "Purification of Supercoiled Plasmids from Crude Cell Lysates Using High Performance Anion Exchange Chromatography;" BioTechniques; Vol. 7, No. 1 (1989) 60-67
<i>W</i>	C18	Michaels; "New Separation Technique for the CPI;" Chemical Engineering Progress (Vol. 64, No. 12) (1968) 31-43
<i>W</i>	C19	Pall KLEENPAK™ Filter Assembly Brochure
<i>W</i>	C20	The Pall ULTIPOR® N66® Membrane Filter Guide
<i>W</i>	C21	Schratter, et al.; "Ultrafiltration in Molecular Biology;" American Biotechnol. Lab. 11 (1993) 16
<i>W</i>	C22	Sharma; "Endotoxin Detection and Elimination in Biotechnology;" Biotechnology and Applied Biochemistry 8 (1986) 5-22
<i>W</i>	C23	Yates, et al.; "Stable Replication of Plasmids Derived from Epstein-Barr Virus in Various Mamalian Cells" Nature 313 (1984) 812-815
<i>W</i>	C24	Zasloff, et al.; "A New Method for the Purification and Identification of Covalently Closed Circular DNA Molecules;" Nucleic Acids Research; 5 (4) (1978) 1139-1152
<i>W</i>	C25	Zydney "Analysis of EP 0 923 592 B1 Methods for Purifying Nucleic Acids;" Department of Chemical Engineering; The Pennsylvania State University, December 11, 2003
<i>W</i>	C26	Sartopure GF2 - The High Capacity Prefilter Cartridges and Capsules with Absorptive Characteristics Lit #A-0016, Rev 3/20/00

EXAMINER:

M. T. Vorel

DATE CONSIDERED:

7/16/05

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)